

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	422	((381/345).ccls.)	USPAT; EPO	OR	OFF	2006/11/27 15:48
S2	0	((381/345).ccls.) and pillar	USPAT; EPO	OR	OFF	2006/12/01 09:25
S3	0	((381/345).ccls.) and pillar	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/12 13:27
S4	29189	pillar	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/12 13:28
S5	0	S1 and S4	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/12 13:28
S6	0	pillar adj (loudspeaker or speaker)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/12 13:29
S7	149	pillar same (loudspeaker or speaker)	US-PGPUB; USPAT; USOCR	OR	OFF	2005/11/14 16:44
S8	90	pillar same (loudspeaker or speaker)	EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/03/12 13:48
S9	3	(("4792978") or ("4856071") or ("5802190")).PN.	USPAT; EPO	OR	OFF	2005/03/12 14:50
S10	23	marquiss.inv.	USPAT; EPO	OR	OFF	2005/03/12 14:52
S11	43	ferren.inv.	USPAT; EPO	OR	OFF	2005/03/12 14:52

## EAST Search History

S36	0	((381/351).ccls.) and pillar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 09:42
S37	2	((381/423).ccls.) and pillar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 09:43
S38	1	((381/186).ccls.) and pillar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 09:44
S39	1	((181/148).ccls.) and pillar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 09:44
S40	1	((181/144).ccls.) and pillar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 09:44
S41	1	((181/153).ccls.) and pillar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 09:45
S42	0	((181/198).ccls.) and pillar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/11/15 09:45
S43	0	narrow same (non adj circular) same diaphragm same chamber same vertically same horizontally	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 15:51
S44	21	narrow same (non adj circular) same diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 15:53

## EAST Search History

S45	0	S44 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 15:54
S46	42	narrow same (non adj circular) and diaphragm	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 15:53
S47	5	S46 and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 15:54
S48	0	((381/345).ccls.) and pillar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:15
S49	0	((381/351).ccls.) and pillar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:17
S50	0	((381/326).ccls.) and pillar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:19
S51	5	((381/423).ccls.) and pillar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:19
S52	2	((381/186).ccls.) and pillar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:00
S53	4	((181/148).ccls.) and pillar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:23
S54	2	((181/144).ccls.) and pillar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:01
S55	1	((181/153).ccls.) and pillar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:02
S56	1	((181/198).ccls.) and pillar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:02

## EAST Search History

S57	0	((181/157).ccls.) and pillar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:02
S58	45	((381/345).ccls.) and planar	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:15
S59	18	((381/345).ccls.) and planar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:15
S60	8	((381/351).ccls.) and planar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:17
S61	6	((381/326).ccls.) and planar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:19
S62	34	((381/423).ccls.) and planar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:21
S63	40	((381/186).ccls.) and planar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:21
S64	34	((181/148).ccls.) and planar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:26
S65	43	((181/144).ccls.) and planar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:30
S66	24	((181/153).ccls.) and planar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:31
S67	3	((181/189).ccls.) and planar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:31
S68	8	((181/157).ccls.) and planar and @ay<="1999"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/11/27 16:51

## EAST Search History

S69	1	("4792978").PN.	USPAT; USOCR	OR	OFF	2006/11/27 16:51
S70	3	((181/199).ccls.) and pillar and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 09:27
S71	761	((181/199).ccls.)	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 09:27
S72	488	((181/199).ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 09:35
S73	130	((181/145).ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 09:39
S74	85	((181/160).ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 09:44
S75	111	((181/198).ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 09:47
S76	27	((381/350).ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 09:49
S77	209	((381/431).ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 10:11
S78	114	((381/408).ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 10:18
S79	506	((381/345).ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 10:27
S80	156	((381/186).ccls.) and @ay<="1999"	US-PGPUB; USPAT; USOCR; JPO	OR	OFF	2006/12/01 10:27